

20020602.qrp v02_n574.qrl.20020602

Date: Sun, 2 Jun 2002 19:03:04 EDT
From: qrp-1@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: QRP-L digest 2574

QRP-L Digest 2574

Topics covered in this issue include:

- 1) [127583] FW: Roger's death
by "Ed Tanton" <n4xy@earthlink.net>
- 2) [127584] Fwd: QRP-MAS: logs please
by dl6aaf@t-online.de (Uwe Meier)
- 3) [127585] Re: Need Help Linux
by "Karl F. Larsen" <k5di@zianet.com>
- 4) [127586] K2b Tonight?
by "Vincent A. Santis" <vsantis@earthlink.net>
- 5) [127587] Re: Need Help Linux
by K1VP <k1vp@grizzly.com>
- 6) [127588] TEST - PLEASE DISREGUARD
by K4YBB@aol.com
- 7) [127589] Re: Roger's death
by Jim Lowman <jmlowman@directvinternet.com>
- 8) [127590] Re: QRP-L digest 2573
by "Jim Dolson" <jdolson@iserv.net>
- 9) [127591] Hamsticks and Hamsticks?
by BOB MASON <skydive@usa.net>
- 10) [127592] OT: Passing of fellow hams
by ARDUJENSKI@aol.com
- 11) [127593] FS - Large LCD Radio Controlled Clock
by bruce florip <bruce_a_florip@yahoo.com>
- 12) [127594] Re: FS - Large LCD Radio Controlled Clock
by "George, W5YR" <w5yr@att.net>
- 13) [127595] May be taking a trip up North to pick up an R390-A!!!
by "Trevor Jacobs" <fxtech@earthlink.net>
- 14) [127596] Re: Tube Rig
by <brad.mugleston@attbi.com>
- 15) [127597] New transmission line analysis and charting program
by Dan Maguire <bethdan@pacbell.net>
- 16) [127598] Re: PCB Etching Bubble Bath
by George Gingell <k3tks@u1.abs.net>
- 17) [127599] Re: Holy Grail Rig
by "Gordon Cougar" <gcouger@provalue.net>
- 18) [127600] Re: Need Help Linux
by "Pastor-KC1DI" <elbc@pivot.net>
- 19) [127601] Re: Hamsticks and Hamsticks?

by "David Gilson" <kd3em@velocity.net>
20) [127602] Re: PCB Etching Bubble Bath
by "Leon Heller" <leon_heller@hotmail.com>
21) [127603] Re: Need Help Linux
by "Karl F. Larsen" <k5di@zianet.com>
22) [127604] Re: DIY bubble etcher for making PCBs
by "Mike Yetsko" <myetsko@insydesw.com>
23) [127605] Re: PCB Etching Bubble Bath
by "Mike Yetsko" <myetsko@insydesw.com>
24) [127606] Re: Need Help Linux
by K1VP <k1vp@grizzly.com>
25) [127607] RE: Holy Grail Rig [keyer]
by Nick Kennedy <nkennedy@tcainternet.com>
26) [127608] Re: Hamsticks and Hamsticks?
by "Tim, N9PUZ" <n9puz@arrl.net>
27) [127609] Want to buy Super Antennas MP-1 TRPD Tripod Base
by "Rod N0RC" <rod@n0rc.com>
28) [127610] Wnt to buy Paddlette Model PK-1
by "Rod N0RC" <rod@n0rc.com>
29) [127611] Re: Need Help Linux
by W2AGN <w2agn@w2agn.net>
30) [127612] DIgi-modes
by "Rod N0RC" <rod@n0rc.com>
31) [127613] IDIOM CMOS III Keyer Problem
by "Mike Rioux" <mike@rioux.org>
32) [127614] Re: IDIOM CMOS III Keyer Problem
by Hank Kohl K8DD <k8dd@arrl.net>
33) [127615] RE: IDIOM CMOS III Keyer Problem
by Conrad Weiss <radman@best.com>
34) [127616] Re: IDIOM CMOS III Keyer Problem
by Phil Wheeler <w7ox@earthlink.net>
35) [127617] Lobstercon 2002
by "Rex Harper" <w1rex@megalink.net>
36) [127618] Great QRP Operating Article on ARRL website...
by "Rod N0RC" <rod@n0rc.com>
37) [127619] WTB SST or Sierra?
by "Ronald Davis" <RDavis24@carolina.rr.com>
38) [127620] Re: Need Help Linux
by Bob Nielsen <nielsen@oz.net>
39) [127621] Re: DIgi-modes
by "George, W5YR" <w5yr@att.net>
40) [127622] Re: DIgi-modes
by Phil Wheeler <w7ox@earthlink.net>
41) [127623] Re: DIgi-modes
by "Rob Matherly" <kc0bom@arrl.net>
42) [127624] FS
by "johngabbard" <johngabbard@usintouch.com>
43) [127625] Re: DIgi-modes

- by Jeff Stai WK6I <wk6i@twistedoak.com>
- 44) [127626] band conditions?
by Ed Lawson (K1VP) <k1vp@grizzly.com>
- 45) [127627] Re: DIgi-modes
by "DTX" <dtx@wood.tzo.com>
- 46) [127628] Re: band conditions?
by W2AGN <w2agn@w2agn.net>
- 47) [127629] Re: band conditions?
by "K7FD N7SG" <k7fd@hotmail.com>
- 48) [127630] KD6CC
by "William Phinizy" <k6whp@gte.net>
- 49) [127631] Mailing list for the QRP Quarterly magazine
by Mark R Milburn <mark.milburn@juno.com>
- 50) [127632] info please
by Bruce Rattray <rattray@gpfn.sk.ca>
- 51) [127633] Tuner FS
by "johngabbard" <johngabbard@usintouch.com>
- 52) [127634] Re: band conditions?
by W2AGN <w2agn@w2agn.net>
- 53) [127635] Back from the trail
by Steven Weber <kd1jv@moose.ncia.net>
- 54) [127636] Lobstercon 2002 update
by "Rex Harper" <w1rex@megalink.net>
- 55) [127637] Items for sale update
by "johngabbard" <johngabbard@usintouch.com>
- 56) [127638] TLF for Linux
by "Karl F. Larsen" <k5di@zianet.com>
- 57) [127639] FS: LDG QRP Tuner Board and Remote Tuning Head
by "William Phinizy" <k6whp@gte.net>
- 58) [127640] Re: TLF for Linux
by Bob Nielsen <nielsen@oz.net>
- 59) [127641] Re: TLF for Linux
by Bob Nielsen <nielsen@oz.net>
- 60) [127642] fishing for opinions
by David Hinerman <WD8CIV@worldnet.att.net>
- 61) [127643] Re: DIgi-modes
by aluscre <aluscre@neo.rr.com>

Date: Sat, 1 Jun 2002 19:43:33 -0400
From: "Ed Tanton" <n4xy@earthlink.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@lehigh.edu>
Subject: [127583] FW: Roger's death
Message-ID: <000801c209c6\$249fc420\$3601a8c0@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"

Content-Transfer-Encoding: 7bit

I'm certain many of you knew Roger, and will be saddened to hear this (from the Tempe 'BoatAnchors' Reflector.).

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

-----Original Message-----

From: Boat Anchor Owners and Collectors List
[mailto:BOATANCHORS@LISTSERV.TEMPE.GOV] On Behalf Of Roger A. McCarty
Sent: Saturday, June 01, 2002 6:51 PM
To: BOATANCHORS@LISTSERV.TEMPE.GOV
Subject: Roger's death

It is with great sadness that I inform you of the untimely passing of Roger McCarty KD6CC. We lost him yesterday, May 31 in a traffic accident. I will contact you with the details of the funeral at a later date. If you would like to contact someone, I, his brother Kirk, am available, by phone 760-949-4369 or at imub4ur@netzero.net.

Kirk McCarty

Date: Sun, 2 Jun 2002 02:30:57 +0200
From: dl6aaf@t-online.de (Uwe Meier)
To: qrp-l@lehigh.edu
Subject: [127584] Fwd: QRP-MAS: logs please
Message-ID: <200206020030.CAA00341@joringel.t-online.de>

From: DJ7ST @ DB0ABZ.#NDS.DEU.EU (Hartmut)

To: OQRPWW @ DB0ABZ.#NDS.DEU.EU
X-Info: Einspielung ohne Passwortschutz

Dear QRP-MAS friends,

if you did participate in the 3rd QRP-MAS at 9th of May but didn't send your log yet: please do it NOW!

The 3rd QRP-MAS unfortunately suffered from heavy QRN.

So please send your log even if you made only 1 or 2 contacts.

It would be the best way to support the idea.

73/3 es hpe cuagn without QRN!

Hal, DJ7ST

Date: Sat, 1 Jun 2002 18:37:40 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Bob Nielsen <nielsen@oz.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [127585] Re: Need Help Linux
Message-ID: <Pine.LNX.4.44.0206011835130.1605-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Bob, I got the software and compiled and installed it, but it doesn't run on my X windows. I am using a pretty stock RH 7.2 linux. Can you offer any help?

On Fri, 31 May 2002, Bob Nielsen wrote:

> On Fri, May 31, 2002 at 09:12:15PM -0400, Pastor-KC1DI wrote:
> > I'm Looking for a good Linux ham Logging program, I have RH 7.2 and having a
> > hard time getting anything to work with it. Have tried to install Twlog to
> > no avail any help appreciated.
> > 73 Dave
>
> There are several listed at <<http://radio.linux.org.au/>>. I've taken a
> look at xlog, but need to upgrade my shack computer to run X before I
> can really use it. It looks pretty good on my other Linux box (running
> Debian 3.0).
>
> You might also consider TLF. It is designed for contesting, but has a mode
> for general QSOs as well. I tried it in the WPX last weekend and found
> it to be pretty good. It has CW keying capability but I haven't yet

> tried that.
>
> ftp://sharon.esrac.ele.tue.nl/pub/linux/ham/tlf/tlf-0.5.4.tar.gz
>
> 72/73, Bob N7XY
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Sat, 1 Jun 2002 21:11:48 -0400
From: "Vincent A. Santis" <vsantis@earthlink.net>
To: "QRP List (E-mail)" <qrp-l@lehigh.edu>
Subject: [127586] K2b Tonight?
Message-ID: <01C209B1.04DF4E40.vsantis@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi,

Anyone work K2B today? If so, can you share the QSL info?

TIA,

Vince Santis,N1VS
Winsted, CT
NEQRP # 598
PRP-L # 2372
FISTS# 8053
CC # 1161
K1 #841

Date: Sat, 1 Jun 2002 21:46:12 -0400
From: K1VP <k1vp@grizzly.com>
To: k5di@zianet.com
Cc: qrp-l@Lehigh.EDU
Subject: [127587] Re: Need Help Linux

Message-ID: <20020601214612.34ee56ac.k1vp@grizzly.com>

Mime-Version: 1.0

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

On Sat, 1 Jun 2002 18:37:40 -0600 (MDT)

"Karl F. Larsen" <k5di@zianet.com> wrote:

>

> Hi Bob, I got the software and compiled and installed it, but it doesn't

> run on my X windows.

If you are talking about TLF, you need to edit the logcfg.dat file by selecting a contest before it will work. Do you see it reading two files and then return to a system prompt? If so, that is the problem. The Xlog program is fairly nice as a general logging program. I have yet to use TLF much, but I have it up and running. Thanks to the Debian packages.

Ed Lawson

K1VP

Date: Sat, 1 Jun 2002 22:12:37 EDT

From: K4YBB@aol.com

To: qrp-l@lehigh.edu

Subject: [127588] TEST - PLEASE DISREGUARD

Message-ID: <88.190939d4.2a2ad915@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

This is a test.

Date: Sat, 01 Jun 2002 19:28:36 -0700

From: Jim Lowman <jmlowman@directvinternet.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [127589] Re: Roger's death

Message-ID: <3CF982D4.5BB9A386@directvinternet.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Gang, this one hit really hard...

Aside from being a friend and fellow QRP enthusiast, Roger was one of the founders of our local group, the Lake Perris QRP Society.

He will be greatly missed.

72 de Jim - AD6CW

"Roger A. McCarty" wrote:

>
> It is with great sadness that I inform you of the untimely passing of
> Roger McCarty KD6CC. We lost him yesterday, May 31 in a traffic
> accident.
> I will contact you with the details of the funeral at a later date. If
> you would like to contact someone, I, his brother Kirk, am available, by
> phone 760-949-4369 or at imub4ur@netzero.net.
>
> Kirk McCarty

Date: Sat, 1 Jun 2002 23:13:26 -0400
From: "Jim Dolson" <jdolson@iserv.net>
To: <qrp-l@Lehigh.EDU>
Cc: <imub4ur@netzero.net>
Subject: [127590] Re: QRP-L digest 2573
Message-ID: <016401c209e3\$76debc10\$1c5fe7cd@office>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The QRP e-mail list has lost a frequent contributor, a good friend, and a master builder.

For those who have not seen Roger's web page before, please check it out at <http://www.qsl.net/kd6cc> It is beautifully done. On Monday, from work, I'll download the entire site before it is gone.

Check out Roger's workbench: <http://www.qsl.net/kd6cc/workbench.jpg>

Here is his 6T9 transmitter: <http://www.qsl.net/kd6cc/6t9.htm>

And my personal favorite: <http://www.qsl.net/kd6cc/glowbug.htm>

Although he really seemed to love his 817, his homebrew Glowbug transceiver

is an absolute work of art. Never before (and probably never again) have I seen a more exquisitely done old-fashioned tube-type transceiver.

May God bless him and his family. My condolences and prayers to all involved.

Jim Dolson
wb8zbd

----- Original Message -----

Date: Sat, 1 Jun 2002 15:51:16 -0700
From: "Roger A. McCarty" <rmccarty@earthlink.net>
Subject: [127582] Roger's death

It is with great sadness that I inform you of the untimely passing of Roger McCarty KD6CC. We lost him yesterday, May 31 in a traffic accident.

I will contact you with the details of the funeral at a later date. If you would like to contact someone, I, his brother Kirk, am available, by phone 760-949-4369 or at imub4ur@netzero.net.

Kirk McCarty

Date: Sat, 01 Jun 2002 23:22:44 -0400
From: BOB MASON <skydive@usa.net>
To: <qrp-l@Lehigh.EDU>
Subject: [127591] Hamsticks and Hamsticks?
Message-ID: <20020602032244.7691.qmail@uwdvg003.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Been running Hamstick mobile antennas with a good deal of success. I have 1 for each band in the K1-4. Recently I decided to get an extra set, so I could use them as mini-dipoles. The first ones, I bought from Lakeview. After some looking around, I found that Antennawarehouse.com sold Hamsticks for a lot less money, so ordered the second set from them. =

There are major differences in the design of what I thought was the same antennas, bought from two different sources. The bottom section of the

Antennawarehouse units is about 4 inches longer and the whips mount differently. I thought Hamstick was a brand name of an antenna and that hamsticks should be hamsticks. Am I wrong or just confused?

Also, has anyone used dipoles made from two hamsticks (or a hamstick and=
a
hamstick). If so, did it work better than expected, worse than expected=
or
not worth mentioning?

73 / 72

Bob WB8CAC

K1 #1150, QRP-ARCI 11116, FISTS 6970, CP-35, SHOE SIZE 10 1/2

<http://www.runswithscissors.us>

Date: Sat, 1 Jun 2002 23:46:22 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Subject: [127592] OT: Passing of fellow hams
Message-ID: <25.286a39c1.2a2aef0e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have lost a few ham friends in the past year and felt like some final salute or good bye was in order but never quite sure what was appropriate. There are some hams that we know only casually over the air or over the QRP-L that begs for at least a final note. I was wondering if there is a long standing practice with the passing of a fellow ham of something like the sending of a final QSL to the family by fellow hams?

Alan KB7MBI in Woodinville, WA
FISTS 5702 Proud member of ARRL

Date: Sat, 1 Jun 2002 21:02:34 -0700 (PDT)
From: bruce florip <bruce_a_florip@yahoo.com>
To: qrp-1@Lehigh.EDU
Cc: bruce_a_florip@yahoo.com
Subject: [127593] FS - Large LCD Radio Controlled Clock

Message-ID: <20020602040234.36820.qmail@web14703.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

HI guys,
I love these clocks - I have one in the shack, the
living room, and one in the dining room. This one is
extra.

SykScan Atomic Clock - 52.00 + shipping CONUS only.
Wall mounts or sits like a picture frame on the
operating desk.

Hours and Minutes digits ~2 inches tall
Seconds digits ~1 1/4 inches tall
Day, Date, and Temp digits ~13/16ths tall

runs on 2 AA batteries

Sets itself using 60 khz WWVB in CO.

And is quite QRPp - never had to change the batteries
in the others yet - (less than a year so far).

If interested I put a picture up at:
http://www.geocities.com/bruce_a_florip/AA7AR_home.html

Thanks for the bandwidth. 72, Bruce - AA7AR
bruce_a_floip@yahoo.com

Do You Yahoo!?
Yahoo! - Official partner of 2002 FIFA World Cup
<http://fifaworldcup.yahoo.com>

Date: Sat, 01 Jun 2002 23:10:28 -0500
From: "George, W5YR" <w5yr@att.net>
To: bruce_a_florip@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [127594] Re: FS - Large LCD Radio Controlled Clock
Message-ID: <3CF99AB4.477172E@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I bought two at Sam's for \$19.95 each . . . great clocks!

73/72/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

bruce florip wrote:

>
> HI guys,
> I love these clocks - I have one in the shack, the
> living room, and one in the dining room. This one is
> extra.
>
> SykScan Atomic Clock - 52.00 + shipping CONUS only.
> Wall mounts or sits like a picture frame on the
> operating desk.
>
> Hours and Minutes digits ~2 inches tall
> Seconds digits ~1 1/4 inches tall
> Day, Date, and Temp digits ~13/16ths tall
>
> runs on 2 AA batteries
>
> Sets itself using 60 khz WWVB in CO.
>
> And is quite QRPp - never had to change the batteries
> in the others yet - (less than a year so far).
>
> If interested I put a picture up at:
> http://www.geocities.com/bruce_a_florip/AA7AR_home.html
>
> Thanks for the bandwidth. 72, Bruce - AA7AR
> bruce_a_floip@yahoo.com
>
> -----
> Do You Yahoo!?
> Yahoo! - Official partner of 2002 FIFA World Cup
> <http://fifaworldcup.yahoo.com>

--

Date: Sat, 1 Jun 2002 21:22:14 -0700
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [127595] May be taking a trip up North to pick up an R390-A!!!
Message-ID: <002201c209ed\$13918c00\$1ce8b3d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Guys,

Don't know if Doug H or any of the other Norcal guys will be around tomorrow, but I'm thinking of driving up North (Groveland area) to pick up an R-390A from Bob WA6RTS and thought that maybe some of you in that area would like to get together for a late lunch early dinner. I could bring the prototype of the DDS Signal Generator and let you check it out. Let me know...BTW I'll be tuned into the 147.945 repeater. Take care...

73's Trev KG6CYN

Date: Sat, 1 Jun 2002 23:22:33 -0600 (MDT)
From: <brad.mugleston@attbi.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [127596] Re: Tube Rig
Message-ID: <Pine.LNX.4.33.0206012320270.3226-100000@mugleston.mugs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks to everyone that gave me the address - I got what I needed before I had to go to the swap fest.

My tube search was a bust (only got one tube the 12BY7) and no sockets but there should be another fest soon.

Thanks

de KI00T, Brad

On Sat, 1 Jun 2002, Kevin M. wrote:

> Brad,
> I think you are talking about the altoob by Monty Northrup, N5FC.
> Here is the link to his 2-Tube 40 m transmitter.
> <http://www.io.com/~n5fc/altoobs.htm>
> Kevin, KC8SFJ
> QRP-L #2366 - member since October/2001
> ----
>
> ----- Original Message -----
> From: <brad.mugleston@attbi.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Saturday, June 01, 2002 1:07 AM
> Subject: Tube Rig
>
>
> > A while ago someone posted a website for a two tube transmitter (I
> think
> > it fit into an altoids tin).
> >
> > Anyway, I'm going to a swap fest tomorrow morning and I thought I'd
> pick
> > up the parts but now I can't find the website.
> >
> > HELP
> >
> > Thanks
> >
> > de KI00T, Brad
> >
> >
> >
>
>

Date: Sun, 02 Jun 2002 01:38:55 -0700
From: Dan Maguire <bethdan@pacbell.net>
To: qrp-l@Lehigh.EDU
Subject: [127597] New transmission line analysis and charting program
Message-ID: <000901c20a10\$ef2614c0\$899daa40@bethdan>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

TLDetails is a new program that may be used to study transmission line behavior. Results are displayed in tabular format and on "animated" (quickly redrawn) charts. The program has built-in specs for 47 different

lines, including the revised results from the Wes Stewart study on Wireman ladder line. You can also define up to 3 custom lines.

See the "TLDetails" section at www.qsl.net/ac6la for more information and a free download file.

73,
Dan AC6LA

Date: Sun, 2 Jun 2002 04:55:14 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [127598] Re: PCB Etching Bubble Bath
Message-ID: <20020602042919.H98787-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Leon,

Yes, the Aquarium Air Stones and Tubing are good Bubble Makers. The Air pumps are handy and not so expensive, but there are a couple of alternatives.

One might be to adapt one of the Cheap Auto Tire Pump Compressors. I happen to have an AIR TANK that i bought from Harbor Freight some time ago. It holds about 100# pressure and is filled at the Petrol Station and kept in trunk as emergency fill for the Vehicle Tires, At least that was the origional intent.

It is rather easy to make up a few little adapter connectors. to connect a length of Air hose from the tank to one of those Brass Aquarium air hose feeder valves. In fact you don't even need the special tank, Just use an OLD Spare Tire for your tank. Of course you will not be able to hold 100 pounds of air, but likely more than enough to run the bubbler for a batch or two of boards.

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Last tip, you can also use a Hair Dryer to add heat to speed the etching time.

Careful not to get to close to the plastic. :^}

Oh yes, and Please do not use the XYL's Baking Containers, lest she ban all future projects. :^}

I am sure you would not want that nasty old chemical taste in your Supper either. :^}

GL es Happ Cookin'

QRPP Dx Tu, (C) 2002 K3TKS

Sir George, The First :^}

72 ES QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and CURRENT Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems, Handyman Services,
Commercial & Residential Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1,
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Collector of Quartz Crystals and Telegraph Keys.

Maryland Milliwatt Club QRP Reference Library, Donations Accepted.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Sun, 2 Jun 2002 04:07:30 -0500
From: "Gordon Couger" <gcouger@provalue.net>
To: <jamesd1@flash.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [127599] Re: Holy Grail Rig
Message-ID: <037101c20a14\$ecfaac70\$ab2dccc0@home>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A simple low power CPU could do the job of a memory keyer and work just as well as Curtis keyer. A clever programmer could do everything with one button and the key. I am not sure how user friendly it would be.

If you stepped the CPU up to a 68HC12 you could cram a lot of features in and run a digital frequency chip, RTTY, packet, AMTOR and what ever else you write code for.

Or go to one of the DSP CPU's and on and on and on.

Building a computer controlled rig is pretty straight forward programming is another story. The human interface on a QRP rig would be very challenging if you wanted to keep the current draw in reason. All the serious programming as set up would be done via the serial port to a laptop. But it should have a dumb mode that worked fine with no added programming at all.

72

Gordon W5RED

From: "James R. Duffey" <jamesd1@flash.net>

: Bill - Thanks for the comments on my "Holy Grail" rig discussion.
:
: I want a simple rig, not one with a lot of bells and whistles like the
: FT-1000.
:
: In a contest, I use a keyer the most, so I want the ultimate rig to have

the

: best, in this case a CMOS Super Keyer or equivalent. This is one area in
: which my K-1 falls down. I need to push two buttons to send a memory, one
to

: activate the memory and one to select the memory (1 or 2). The K-2 I
: operated 2 years ago required two button pushes as well. Over the course
of

: the contest this is a lot of wasted effort and increases the chances for
: mistakes.

:

: My TS-850 has the stack memory. It functions like the stack in a RPN
: calculator. One push records all of the pertinent rig information, mode,
: frequency and so on. Another knob or button lets you scroll through the
: memory to recall it. This is very useful in search and pounce mode in
: contesting. After calling a station a couple of times with no answer, just
: push the button and move on. After moving on to the end of band, scroll
: through the memories and give each station you missed a call. Then repeat
: search and pounce. It is a lot more useful than it sounds.

:

: I think that the 100 mA receive drain is doable. and not dream land. My
OHR

: Classic 20 and 40 meter rig draws about this. It has a diode ring mixer
and

: is a very good "crunch proof" receiver. This might require some aggressive
: engineering though. Class E audio stages would help. Perhaps disconnecting
: the bias to the final driver when headphones are connected. Shut off all
of

: the SSB circuitry when in the CW mode. Latch the display and shut off
other

: related drive circuitry until the tuning knob is moved. Turn off the bias
to

: the transmit sections (maybe keep the oscillator on for stability) when in
: receive. Use micropower voltage regulators. I am sure that other
: possibilities exist.

:

: I am not too keen on a fully computer operated rig. I guess I like to
twist

: knobs and throw switches. Plus, I think that a computer is an unnecessary
: complication in the field, and I anticipate using this rig a lot in the
: field. George may disagree with me on this. I think that the USB interface
: would be useful for home operation with contesting logging programs, but I
: would also find it useful to load and program the keyer in the shack prior
: to operation in the field.

:

: I think that an ideal computer based rig would look like a lap top. There
: would be a keyboard for CW and digital modes. The display might look like
: the 817 commander program with a dialog box for digital modes. There might
: be several displays, one for general use and one for contesting use.

Perhaps

: a different one for CW and digital modes. The laptop would have RF
: connectors out the back as well as key jacks and audio jacks. A CD ROM
would
: allow call sign look up and programs to be loaded. A hard drive would
allow
: computer logging to be done. The function keys could be programmed for
: messages and/or frequencies. Hit a button and be on the QRP frequency on
any
: band. Ethernet capabilities for single operator 2 radio operations,
: multioperator contesting stations, and operation of your home station
: remotely. Oh yeah, a knob on the laptop for tuning, and a smaller one for
: RIT/XIT. Another one for volume. The operating system? Macintosh OSX of
: course! UNIX and a GUI without rebooting. Think different.
:
: Too bad Steve Jobs isn't a ham. - Dr. Megacycle KK6MC/5
: --
: James R. Duffey KK6MC/5
: Cedar Crest, NM DM65
:
:
:

Date: Sun, 2 Jun 2002 05:16:45 -0400
From: "Pastor-KC1DI" <elbc@pivot.net>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [127600] Re: Need Help Linux
Message-ID: <004101c20a16\$381edc20\$04a6ba42@dor>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm Also Running RH 7.2 and having the same problem can not get Xlog, tlf or
twlog to run on it. Don't know what's wrong but if any one can help it would
be Appreciated.
73 Dave kc1di

----- Original Message -----

From: "Karl F. Larsen" <k5di@zianet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, June 01, 2002 8:37 PM
Subject: Re: Need Help Linux

>
> Hi Bob, I got the software and compiled and installed it, but it doesn't
> run on my X windows. I am using a pretty stock RH 7.2 linux. Can you
> offer any help?
>
>
> On Fri, 31 May 2002, Bob Nielsen wrote:
>
> > On Fri, May 31, 2002 at 09:12:15PM -0400, Pastor-KC1DI wrote:
> > > I'm Looking for a good Linux ham Logging program, I have RH 7.2 and
having a
> > > hard time getting anything to work with it. Have tried to install
Twlog to
> > > no avail any help appreciated.
> > > 73 Dave
> >
> > There are several listed at <<http://radio.linux.org.au/>>. I've taken a
> > look at xlog, but need to upgrade my shack computer to run X before I
> > can really use it. It looks pretty good on my other Linux box (running
> > Debian 3.0).
> >
> > You might also consider TLF. It is designed for contesting, but has a
mode
> > for general QSOs as well. I tried it in the WPX last weekend and found
> > it to be pretty good. It has CW keying capability but I haven't yet
> > tried that.
> >
> > <ftp://sharon.esrac.ele.tue.nl/pub/linux/ham/tlf/tlf-0.5.4.tar.gz>
> >
> > 72/73, Bob N7XY
> >
> >
> --
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> <http://www.zianet.com/k5di/>
>
>

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.368 / Virus Database: 204 - Release Date: 5/29/02

Date: Sun, 2 Jun 2002 05:21:30 -0400
From: "David Gilson" <kd3em@velocity.net>
To: <skydive@usa.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [127601] Re: Hamsticks and Hamsticks?
Message-ID: <001f01c20a16\$e1aa5530\$a0617841@yourw92p4bhlzg>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Morning Bob, I have used 2 Hamsticks as a dipole for 40 meters and had much success with it. Matter of fact when I was still active duty I used this set up on the back of my jeep. I use 3, 5 foot section of RS antenna mast and a mount that I could attached to my spare tire rack to keep it in place. PLEASE NOTE: you can get two Hamsticks for the same band and tune them for example 7.040 Mhz and you will notice that the lengths will differ just a little. What I did was just run the stinger out all the way and used a tuner and it work just fine. If you want any more information in (The Modern Amateur's MOBILE Handbook By Dave Ingram K4TWJ). I hope that I answered some of your question.

73 de Dave KD3EM

----- Original Message -----

From: "BOB MASON" <skydive@usa.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, June 01, 2002 11:22 PM
Subject: Hamsticks and Hamsticks?

> Been running Hamstick mobile antennas with a good deal of success. I have
1
> for each band in the K1-4. Recently I decided to get an extra set, so I
could
> use them as mini-dipoles. The first ones, I bought from Lakeview. After
some
> looking around, I found that Antennawarehouse.com sold Hamsticks for a lot
> less money, so ordered the second set from them.
>
> There are major differences in the design of what I thought was the same
> antennas, bought from two different sources. The bottom section of the
> Antennawarehouse units is about 4 inches longer and the whips mount
> differently. I thought Hamstick was a brand name of an antenna and that

> hamsticks should be hamsticks. Am I wrong or just confused?
>
> Also, has anyone used dipoles made from two hamsticks (or a hamstick and
a
> hamstick). If so, did it work better than expected, worse than expected
or
> not worth mentioning?
>
>
> 73 / 72
>
> Bob WB8CAC
>
> K1 #1150, QRP-ARCI 11116, FISTS 6970, CP-35, SHOE SIZE 10 1/2
>
> <http://www.runswithscissors.us>
>
>

Date: Sun, 02 Jun 2002 10:45:28 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: k3tks@u1.abs.net, qrp-1@Lehigh.EDU
Subject: [127602] Re: PCB Etching Bubble Bath
Message-ID: <F106zU7BzVm5hs4HpPK0000ea45@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: George Gingell <k3tks@u1.abs.net>
>Reply-To: k3tks@u1.abs.net
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re: PCB Etching Bubble Bath
>Date: Sun, 2 Jun 2002 04:55:14 -0400 (EDT)
>
>Leon,
>
>Yes, the Aquarium Air Stones and Tubing are good Bubble Makers. The Air
>pumps are handy and not so expensive, but there are a couple of
>alternatives.
>
>One might be to adapt one of the Cheap Auto Tire Pump Compressors. I
>happen to have an AIR TANK that i bought from Harbor Freight some time
>ago. It holds about 100# pressure and is filled at the Petrol Station and

>kept in trunk as emergency fill for the Vehicle Tires, At least that was
>the original intent.

>

>It is rather easy to make up a few little adapter connectors. to connect a
>length of Air hose from the tank to one of those Brass Aquarium air hose
>feeder valves. In fact you don't even need the special tank, Just use an
>OLD Spare Tire for your tank.

I thought of using that technique a couple of years ago when I was
experimenting with 'air muscles' for robotics, using a 12V electric car tyre
air pump. The pump was *very* noisy, though.

Of course you will not be able to hold 100

>pounds of air, but likely more than enough to run the bubbler for a batch
>or two of boards.

>

>You can also find other sizes of plastic containers for the Etching tank.

>

>In years past, I used a large Pyrex Baking Dish. They also have some that
>are deep for Breads and or Meat Loaf. They are good. The Advantage of the
>Pyrex over the Plastic, is that you can easily add Heat and Speed the
>etching process.

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>element. One of those cheap Portable clamp on lamp holders.

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>charger will make nice little heating lamps. The Auto Tail lamp is about
>1.5 Amps at 12 volts if memory serves correctly. They get hot pretty fast.

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>journals that showed making walk lights using the 12V Auto lamps with an
>12 VAC Transformer Supply. They show the #1141 Lamp as 18W and a #1155 as
>7 Watts.

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>The hardest part is locating the Bayonet Base holders for the lamps. Junk
>yards first, then Auto Parts Supply. Actually they listed a nice socket
>(Part # 4345-306) from Shore Holders (800-442-6658) or
><<http://www.shoreholders.com>> I have not had time to check on the price
>yet. I need some of the connectors for another Special Project myself.

>

>

>Last tip, you can also use a Hair Dryer to add heat to speed the etching
>time.

>

>Careful not to get too close to the plastic. :^}

I heat it up first in the microwave, then add boiling water from the kettle

to the outer container. I usually only make one board at a time.

>
>Oh yes, and Please do not use the XYL's Baking Containers, lest she ban
>all future projects. :^}

I don't have an XYL, so can do what I like. 8-)

73, Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com

My web page: http://www.geocities.com/leon_heller

My low-cost Altera Flex design kit: <http://www.leonheller.com>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>.

Date: Sun, 2 Jun 2002 05:35:01 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: K1VP <k1vp@grizzly.com>
Cc: qrp-1@Lehigh.EDU
Subject: [127603] Re: Need Help Linux
Message-ID: <Pine.LNX.4.44.0206020533060.1609-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks Ed, I will try and find logcfg.dat which I think is in
/usr/share/tlf/ and will try again.

On Sat, 1 Jun 2002, K1VP wrote:

> On Sat, 1 Jun 2002 18:37:40 -0600 (MDT)
> "Karl F. Larsen" <k5di@zianet.com> wrote:
>
> >
> > Hi Bob, I got the software and compiled and installed it, but it doesn't
> > run on my X windows.
>
> If you are talking about TLF, you need to edit the logcfg.dat file by selecting
a contest before it will work. Do you see it reading two files and then return to

a system prompt? If so, that is the problem. The Xlog program is fairly nice as a general logging program. I have yet to use TLF much, but I have it up and running. Thanks to the Debian packages.

>
> Ed Lawson
> K1VP
>

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Sun, 2 Jun 2002 08:04:01 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <leon_heller@hotmail.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [127604] Re: DIY bubble etcher for making PCBs
Message-ID: <008501c20a2d\$a690aaa0\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The aquarium stone is a good idea. But make sure your stone is 'inert' with respect to the etchant. Better still, just get one of the tubes that tiny holes along it that you place under the gravel in a tank.

----- Original Message -----
From: "Leon Heller" <leon_heller@hotmail.com>

> When making PCBs I've always agitated the etchant (FeCl3) by hand (it only
> takes 5 mins. or so if the etchant is fresh) but I'd like to try bubble
> etching, so I just picked up an 'air stone' and tubing from my local
> fishy
> emporium. Some people use these air stones to make a low-cost bubble
> etching
> tank. They cost me less than #2 UK, about \$3. I didn't get a pump at
> this
> stage (they start at about #15), because I wanted to see how feasible
> the

> idea was.
>
> 73, Leon

Date: Sun, 2 Jun 2002 08:11:54 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <k3tks@u1.abs.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [127605] Re: PCB Etching Bubble Bath
Message-ID: <008d01c20a2e\$b2db8720\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In reading your post I first thought you were advising people to use one of the compressors directly to bubble air!

People should be warned NOT to do this! In fact, WHATEVER method you use you should test it first in a pan of water before you go dropping it in etchant.

The cheap compressors you see generally don't move much air, but some of them DO hit 250 lbs of pressure. Hooking something like that to a small aquarium stone... Well, hopefully you see the problem.

A tire as a 'storage tank' is an excellent idea. Or a freon tank with a 'conversion kit' is another. You can charge that tank up to 100 lbs and then shut off your compressor and get it out of there. AND, when you're not etching, you can leave the thing in the garage for use on the car, bikes, or your lawn tractor as a portable air tank!

One more suggestion. Hit salvage places like the 'job lots' type stores. You can usually find 'pressure regulators that will drop your air pressure WAY down to a consistent and manageable level to feed your 'air stone' or bubbler in your tank. I picked up a regulator to use with a paint 'air-brush' gun for \$5 so it can be used on a freon tank converted to air and charged to 100lbs.

Mike

----- Original Message -----
From: "George Gingell" <k3tks@u1.abs.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, June 02, 2002 4:55 AM
Subject: Re: PCB Etching Bubble Bath

> Leon,
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> pumps are handy and not so expensive, but there are a couple of
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> Last tip, you can also use a Hair Dryer to add heat to speed the etching
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> Oh yes, and Please do not use the XYL's Baking Containers, lest she ban
> all future projects. :^}
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> I am sure you would not want that nasty old chemical taste in your
Supper
> either. :^}
>
>
> GL es Happ Cookin'
>
>
> QRPp Dx Tu, (C) 2002 K3TKS
>
> Sir George, The First :^}
>
> 72 ES QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
> Former QRP A.R.C.I. Net Manager and CURRENT Board of Director Member.
> Gingell & Company, Ltd. Small Business Telephone Systems, Handyman
Services,
> Commercial & Residential Locksmith Services (301) 572-6789 Office & Fax
> George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
> Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1,
> Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
> Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.
>
> Collector of Quartz Crystals and Telegraph Keys.
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> Maryland Milliwatt Club QRP Reference Library, Donations Accepted.
>

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>
>
>
>

Date: Sun, 2 Jun 2002 08:49:01 -0400
From: K1VP <k1vp@grizzly.com>
To: "Karl F. Larsen" <k5di@zianet.com>
Cc: qrp-1@Lehigh.EDU
Subject: [127606] Re: Need Help Linux
Message-ID: <20020602084901.13a16df6.k1vp@grizzly.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Sun, 2 Jun 2002 05:35:01 -0600 (MDT)
"Karl F. Larsen" <k5di@zianet.com> wrote:

>
> Thanks Ed, I will try and find logcfg.dat which I think is in
> /usr/share/tlf/ and will try again.

Yes, it should be located there. You ned to be sure the permissions are set correctly so the executable can be run by the normal user account. Not sure where the executable "tlf" is if you compile from source. Imagine it would be /usr/bin/

You may want to try running it from a console instead of inside a terminal window while running X.

Finally, and I should have mentioned this first, try going to the /usr/share/tlf directory and then issuing the command tlf so there will be no question it will find the cfg file.

Ed Lawson
K1VP

Date: Sun, 2 Jun 2002 19:47:37 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [127607] RE: Holy Grail Rig [keyer]
Message-ID: <01C20A6E.59CBBD40.nkennedy@tcainternet.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Years ago, I did one (keyer) that was "no button" programmable. It interpreted all the stuff I was sending. If I sent a special command code (I used the "wait" sign or <AS>), it would go into the command mode.

Memories were sent with the command "M" plus the letter of the memory, A thru Z. So I could send memory X by sending <AS>, then MX.

Using the "wait" sign worked well because it went out over the air but the rest of the command sequence didn't. So I was actually telling the other guy to wait a sec while I did something to my keyer. What if I just wanted to send the "wait" sign but didn't want to do anything to the keyer? I reserved 'E' as an invalid command code that would cancel the command. So a single dit got me back out of the command mode.

Exciting stuff, eh? Boy I wish I had all the time I put in on that keyer added to the rest of my life!

72--Nick, WA5BDU

-----Original Message-----

From: Gordon Couger [SMTP:gcouger@provalue.net]

A simple low power CPU could do the job of a memory keyer and work just as well as Curtis keyer. A clever programmer could do everything with one button and the key. I am not sure how user friendly it would be.

72

Gordon W5RED

Date: Sun, 2 Jun 2002 07:48:10 -0500
From: "Tim, N9PUZ" <n9puz@arrl.net>
To: <skydive@usa.net>, <qrp-1@Lehigh.EDU>
Subject: [127608] Re: Hamsticks and Hamsticks?
Message-ID: <200206021251.HAA29775@zinc.eosinc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

On Sat, 01 Jun 2002 23:22:44 -0400, BOB MASON wrote:
>After some looking around, I found that Antennawarehouse.com=
sold

>Hamsticks for a lot less money, so ordered the second set from=
them.
>
>There are major differences in the design of what I thought was=
the
>same antennas, bought from two different sources. The bottom
>section of the Antennawarehouse units is about 4 inches longer=
and
>the whips mount differently. I thought Hamstick was a brand=
name of
>an antenna and that hamsticks should be hamsticks. Am I wrong=
or
>just confused?

I believe that Hamstick is the trade name of the antennas sold by=
Lakeview. There are several other companies selling similar type=
antennas. I have used both true "Hamstick" and the Iron Horse=
brands
both with good success.

>Also, has anyone used dipoles made from two hamsticks (or a
>hamstick and a hamstick). If so, did it work better than=
expected,
>worse than expected or not worth mentioning?

I've used a pair of 17 Meter sticks as a dipole and they worked=
pretty
well. I don't really know what my expectations were ahead of time=
but I
could hear a fair number of stations and made contacts.

Radio was an FT-817

Tim N9PUZ

Date: Sun, 2 Jun 2002 07:09:53 -0600
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [127609] Want to buy Super Antennas MP-1 TRPD Tripod Base
Message-ID: <006901c20a36\$c9af8430\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Before I order on thought I'd see if anybody has on the wish to sell, let me know.

73, Rod N0RC

Date: Sun, 2 Jun 2002 07:16:38 -0600
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [127610] Wnt to buy Paddlette Model PK-1
Message-ID: <006f01c20a37\$bacc85c0\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Does anybody have one they'd like to sell?

73, Rod N0RC

Date: Sun, 02 Jun 2002 09:36:36 -0400
From: W2AGN <w2agn@w2agn.net>
To: K1VP <k1vp@grizzly.com>,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [127611] Re: Need Help Linux
Message-ID: <0206020936360J.10051@jsielke>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

On Sunday 02 June 2002 08:49, K1VP wrote:

>
> Yes, it should be located there. You ned to be sure the permissions are
> set correctly so the executable can be run by the normal user account. Not
> sure where the executable "tlf" is if you compile from source. Imagine it
> would be /usr/bin/
>
> You may want to try running it from a console instead of inside a terminal

> window while running X.
>
> Finally, and I should have mentioned this first, try going to the
> /usr/share/tlf directory and then issuing the command tlf so there will be
> no question it will find the cfg file.
>
> Ed Lawson
> K1VP

--

Very nice program. After all the talk, went a D/Led it, and set it up. Took all of 10 minutes. Looks just like TR.

Now, I will try setting up the ARCI contests.

```
  _\  _\  _\  _\  _\  John L. Sielke w2agn@w2agn.net  
( W )( 2 )( A )( G )( N ) http://www.w2agn.net  
  _/  _/  _/  _/  _/  NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86  
EX-N4JS, W4MPC, W7JEF, K3HLU G-QRP #9544 NorCal CQC AKQRP QCWA FISTS #2781  
SOC, ARLHS, OOTC Zombie #576 Elecraft K2 #0023 K1 #146, 1151
```

Date: Sun, 2 Jun 2002 07:37:14 -0600
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [127612] DIgi-modes
Message-ID: <007d01c20a3a\$9b473030\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

Working PSK-31 got me interested in other digital modes. I downloaded MixW and have been tuning and listening to different signals. Some signals I could not seem to decode. Does anybody know of a web page that has audio samples of each of the different modes to help me ID the modulation type?

How effective are the various modes at QRP (or less) power levels? I'm partial to PSK because of it's narrow BW and lower power requirements. Should I be considering something else?

About SW: MixW seems to do it all. Before I spend \$50, does it do

all those modes well? Is a collection of SW programs, each specialized for one or few modes a better approach?

Voice modes: I skimmed the articles in QST (Jan, Feb) anybody play with these yet? Is it time to start with digital voice modes. From what I can tell so far encoding/decoding schemes are not very standardized.

73, Rod N0RC

Date: Sun, 2 Jun 2002 14:12:05 -0000
From: "Mike Rioux" <mike@rioux.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [127613] IDIOM CMOS III Keyer Problem
Message-ID: <ODELIIACNFAHFGDIJNOKMEDDDPAA.mike@rioux.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My CMOS III kit that I bought a number of years ago has stopped working.
Clock is
OK to the microprocessor, all switched work OK, the chip is getting 5V, etc.
I
seem to recall that there was some kind of reset procedure (not just
removing power)
that would restore a 'hung' CMOS III. Anyone happen to recall what that
procedure
was before I contact Idiom with a request for a new chip?
Thanks!
Mike W1USN

Date: Sun, 02 Jun 2002 10:19:44 -0400
From: Hank Kohl K8DD <k8dd@arrl.net>
To: mike@rioux.org,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [127614] Re: IDIOM CMOS III Keyer Problem
Message-ID: <5.1.0.14.2.20020602101919.03325130@mail.arenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Press all 4 memory buttons. It should send "ok" in cw.

At 6/2/02 02:12 PM +0000, Mike Rioux wrote:

>My CMOS III kit that I bought a number of years ago has stopped working.
>Clock is
>OK to the microprocessor, all switched work OK, the chip is getting 5V, etc.
>I
>seem to recall that there was some kind of reset procedure (not just
>removing power)
>that would restore a 'hung' CMOS III. Anyone happen to recall what that
>procedure
>was before I contact Idiom with a request for a new chip?
>Thanks!
>Mike W1USN

*/ Hank Kohl K8DD k8dd@arrl.net
*/ ARRL TS http://www.qsl.net/k8dd
*/ MI-QRP - Vice Pres. QRP-ARCI - Director
*/

If God intended you to be on single sideband, he would have given you only one nostril.

- Steve, K2PTS

Date: Sun, 2 Jun 2002 07:27:18 -0700
From: Conrad Weiss <radman@best.com>
To: "'Mike Rioux'" <mike@rioux.org>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [127615] RE: IDIOM CMOS III Keyer Problem
Message-ID: <01C20A06.ED9BFDE0@209-162-48-203.thegrid.net>

Mike & all,

Reset = "press buttons 1, 3, 4 & 6 simultaneously & release."

The CMOS III docs are founds here:

http://www.idiompres.com/CMOS_III_v2_User_Manual.pdf

GL es 73,

Conrad Weiss
NN6CW

From: Mike Rioux[SMTP:mike@rioux.org]
Sent: Sunday, June 02, 2002 7:12 AM
To: Low Power Amateur Radio Discussion
Subject: IDIOM CMOS III Keyer Problem

My CMOS III kit that I bought a number of years ago has stopped working. Clock is OK to the microprocessor, all switched work OK, the chip is getting 5V, etc. I seem to recall that there was some kind of reset procedure (not just removing power) that would restore a 'hung' CMOS III. Anyone happen to recall what that procedure was before I contact Idiom with a request for a new chip?
Thanks!
Mike W1USN

Date: Sun, 02 Jun 2002 07:39:33 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: mike@rioux.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [127616] Re: IDIOM CMOS III Keyer Problem
Message-ID: <3CFA2E25.8060804@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=windows-1252; format=flowed
Content-Transfer-Encoding: 7bit

I had the same problem, Mike. The reset

>Reset = "press buttons 1, 3, 4 & 6 simultaneously & release."
>
fixed it!

73, Phil

Mike Rioux wrote:

>My CMOS III kit that I bought a number of years ago has stopped working.
>Clock is
>OK to the microprocessor, all switched work OK, the chip is getting 5V, etc.
>I
>seem to recall that there was some kind of reset procedure (not just
>removing power)
>that would restore a 'hung' CMOS III. Anyone happen to recall what that
>procedure
>was before I contact Idiom with a request for a new chip?
>Thanks!

>Mike W1USN

>

>

Date: Sun, 2 Jun 2002 10:39:30 -0400
From: "Rex Harper" <w1rex@megalink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [127617] Lobstercon 2002
Message-ID: <002c01c20a43\$4ed58d60\$4c3ca43f@stickfarmers>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

O' gang of hounds, foxes, bees, homebrewers, paper chasers, A1 ops, kit-ers,
kit builders, kit collectors, solder melters, rosin snorters and 1 displaced
Cajun,

LOBSTERCON 2002 is approaching!

QRPers in the northern New England climes and others 'from away' will be
gathering on July 5th and 6th at Thomas Point Beach & Campground in
Brunswick Maine for a QRP weekend. A great chance to meet fellow QRPers,
tell stories, learn from others, sell/swap PRICELESS ANTIQUE ELECTRONIC
EQUIPMENT, sing songs, roast marshmallows and of course EAT LOBSTER. Several
QRP illuminaries have already made known their intentions to attend.

Doug Hendricks will travel all the way from California (non-stop) with 3
others in his vehicle to attend.

Seab Lyons will be dropping in from a wire suspended from a kite.

Mr. Steve M.(elt) Solder himself will bushwhack in off a little known and
seldom used DX side path off the Appalachian Trail.

Dave Benson will take a weekend off from experiments in the laboratory to
relax at our shindig.

Your/name/here will be taking time off from his/her boring/exciting life to
enjoy the company of our group.

So; start packing your prized homebrew creations (and some PRICELESS ANTIQUE
ELECTRONIC EQUIPMENT for selling or swapping), round up any family members

who are hardy enough to withstand QRP & camping at the same time, and make plans for spending a QRP weekend in seacoast Maine on July 5,6 (and 7 for those who are late leave-ers).

BUT FIRST.....E me to reserve your spot. Camping space is limited and costs 6 bux per night/camper. Lobsters are limited (there is an ocean full but we need to rent a boat big enough) and also cost 6 bux each.

Event organizer QRPme & W1REX

W1REX Rex Harper "The Tinman"

Date: Sun, 2 Jun 2002 09:01:06 -0600
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>,
 "Elecraft-list" <elecraft@mailman.qth.net>,
Subject: [127618] Great QRP Operating Article on ARRL website...
Message-ID: <002e01c20a46\$5319bf60\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

... <http://www.arrl.org/news/features/2002/05/14/1/>

For those new to QRP, this a great one page intro to getting active on the bands.

For the experienced OP, a great refresher, maybe even learn a new thing or two. (found some new, interesting propagation links)

The author is Anthony A. Luscre, K8ZT, an experienced QRPer.

Worth reading, enjoy.

73, Rod N0RC

Date: Sun, 2 Jun 2002 12:08:05 -0400
From: "Ronald Davis" <RDavis24@carolina.rr.com>
To: "QRP-L" <qrp-l@lehigh.edu>

Subject: [127619] WTB SST or Sierra?
Message-ID: <004301c20a4f\$ae3a5db0\$a13e4a18@your318ruqz03z>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello

Well I need another QRP rig, looking for 20 or 40 meter SST's or a Sierra with those two bands. Please let me know what you have for sale. Please email direct.

Thanks
Ronnie
KE4VPN

Date: Sun, 2 Jun 2002 09:20:10 -0700
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [127620] Re: Need Help Linux
Message-ID: <20020602162009.GB15764@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

The default install uses /usr/local/share/tlf, while the Debian package puts it in /usr/share/tlf.

The README is not uptodate with all the latest changes, but you should create a directory for the specific contest and copy /usr/share/tlf/examples/<contest>/logcfg.dat to that directory. You need to edit this file to use your call, etc. For contests other than the ones listed, you hopefully can set things up by editing logcfg.dat. TLF is still be actively developed (PA0RCT made two updates during WPX in response to bug reports).

72/73, Bob

On Sun, Jun 02, 2002 at 05:35:01AM -0600, Karl F. Larsen wrote:

>
> Thanks Ed, I will try and find logcfg.dat which I think is in
> /usr/share/tlf/ and will try again.
>
>
> On Sat, 1 Jun 2002, K1VP wrote:
>

> > On Sat, 1 Jun 2002 18:37:40 -0600 (MDT)
> > "Karl F. Larsen" <k5di@zianet.com> wrote:
> >
> > >
> > > Hi Bob, I got the software and compiled and installed it, but it doesn't
> > > run on my X windows.
> >
> > If you are talking about TLF, you need to edit the logcfg.dat file by
selecting a contest before it will work. Do you see it reading two files and then
return to a system prompt? If so, that is the problem. The Xlog program is fairly
nice as a general logging program. I have yet to use TLF much, but I have it up and
running. Thanks to the Debian packages.
> >
> > Ed Lawson
> > K1VP
> >
>
> --
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> <http://www.zianet.com/k5di/>

--
Bob Nielsen, N7XY nielsen@oz.net
Bainbridge Island, WA <http://www.oz.net/~nielsen>
IOTA NA-065, USI WA-028S

Date: Sun, 02 Jun 2002 11:28:55 -0500
From: "George, W5YR" <w5yr@att.net>
To: rod@n0rc.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [127621] Re: DIgi-modes
Message-ID: <3CFA47C7.B0DF77EA@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rod, I have tried them all over the last three years, and MixW stands above
them all. It *integrates* the various modes and all the support functions
in a way that none of the others do as well. And Nick is a national
treasure for both countries with his support and accessibility.

It may not be obvious, but with CW and SSB, you can use the program DSP
filtering capabilities to augment your other signal processing means. Those
filters cannot be used for the digital modes, however.

Well worth the \$50 . . .

73/72/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

Rod N0RC wrote:

>
> Folks,
>
> Working PSK-31 got me interested in other digital modes. I
> downloaded MixW and have been tuning and listening to different
> signals. Some signals I could not seem to decode. Does anybody know
> of a web page that has audio samples of each of the different modes
> to help me ID the modulation type?
>
> How effective are the various modes at QRP (or less) power levels?
> I'm partial to PSK because of it's narrow BW and lower power
> requirements. Should I be considering something else?
>
> About SW: MixW seems to do it all. Before I spend \$50, does it do
> all those modes well? Is a collection of SW programs, each
> specialized for one or few modes a better approach?
>
> Voice modes: I skimmed the articles in QST (Jan, Feb) anybody play
> with these yet? Is it time to start with digital voice modes. From
> what I can tell so far encoding/decoding schemes are not very
> standardized.
>
> 73, Rod N0RC

Date: Sun, 02 Jun 2002 09:55:20 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: w5yr@att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [127622] Re: DIgi-modes
Message-ID: <3CFA4DF8.8040101@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=windows-1252; format=flowed
Content-Transfer-Encoding: 7bit

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>

>It may not be obvious, but with CW and SSB, you can use the program DSP
>filtering capabilities to augment your other signal processing means. Those
>filters cannot be used for the digital modes, however.

>

>

Thanks, for the heads up, George. I have the program registered. but I
never gave it much thought for use in SSB.

73, Phil

Date: Sun, 2 Jun 2002 12:06:31 -0500
From: "Rob Matherly" <kc0bom@arrl.net>
To: <rod@n0rc.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [127623] Re: Digi-modes
Message-ID: <004a01c20a57\$db259120\$7011a541@intern01>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

I tried MixW, and to be honest I didn't really like it :) I use Hamscope for
psk-31, rtty, etc., and MMSSTV for SSTV (if you are actually interested in that
anyway :^)).

72/73/oo

Rob, W JRM

ARRL; FP QRP -330; IA QRP #143; SOC #497; QRPp-I #19; Live-Wire #442;

Visit my website! <http://www.qsl.net/w0jrm>

"Those who control their tongue will have a long life;
a quick retort can ruin everything" -- Proverbs 13:3 NLT

----- Original Message -----

From: Rod N0RC <rod@n0rc.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Sunday, June 02, 2002 8:37 AM
Subject: DIgi-modes

Folks,

Working PSK-31 got me interested in other digital modes. I downloaded MixW and have been tuning and listening to different signals. Some signals I could not seem to decode. Does anybody know of a web page that has audio samples of each of the different modes to help me ID the modulation type?

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73, Rod N0RC

Date: Sun, 2 Jun 2002 10:27:21 -0700
From: "johngabbard" <johngabbard@usintouch.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [127624] FS
Message-ID: <005001c20a5a\$c114dea0\$1f811c0c@juanita>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

NorCal-20...\$100. plus shipping USA,works great, has chirp mod. Antique Triplet VOM (1940's) looks good,works good.\$15. shipped USA...72
john...KF70M

Date: Sun, 02 Jun 2002 10:35:19 -0700
From: Jeff Stai WK6I <wk6i@twistedoak.com>
To: rod@n0rc.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [127625] Re: DIgi-modes
Message-ID: <5.1.0.14.2.20020602103403.0ab1ff50@mail.megapathdsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 06:37 AM 6/2/2002, Rod N0RC wrote:
>About SW: MixW seems to do it all. Before I spend \$50, does it do
>all those modes well? Is a collection of SW programs, each
>specialized for one or few modes a better approach?

Be sure to look into HamScope: <http://users.mesatop.com/~ghansen/>

Don't dismiss RTTY as a viable mode for QRP.

73 - jeff wk6i

Jeff Stai Twisted Oak Winery LLC
Email jds@twistedoak.com
Amateur Radio WK6I
ROC Web Page <http://www.rocstock.org/>

Date: Sun, 2 Jun 2002 13:48:43 -0400
From: Ed Lawson (K1VP) <k1vp@grizzly.com>
To: qrp-l@lehigh.edu
Subject: [127626] band conditions?
Message-ID: <20020602134843.01915e97.k1vp@grizzly.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Is it just me, my northern location, or have the band conditions been rather poor this weekend? I heard maybe two TAC stations Sat.

Ed Lawson
K1VP

Date: Sun, 2 Jun 2002 10:53:30 -0700
From: "DTX" <dtx@wood.tzo.com>
To: <qrp-l@lehigh.edu>
Subject: [127627] Re: DIgi-modes
Message-ID: <00e101c20a5e\$684ee640\$0c00a8c0@home>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, June 02, 2002 6:37 AM
Subject: DIgi-modes

> Folks,
>
> Working PSK-31 got me interested in other digital modes. I
> downloaded MixW and have been tuning and listening to different
> signals. Some signals I could not seem to decode. Does anybody know
> of a web page that has audio samples of each of the different modes
> to help me ID the modulation type?

Not really, but if you find one, please share<G> There are some signals that sound, to my ear atleast, like fast TTY with about 850hz shift that I would be interested in knowing about.

> How effective are the various modes at QRP (or less) power levels?
> I'm partial to PSK because of it's narrow BW and lower power
> requirements. Should I be considering something else?

I would add the MFSK16 mode. It is wider, about 250hz, but does better on paths with phase distortion/selective fading. And it seems especially effective on 30, 40 and 80M. More post detection processing is done to make error corrections. It is not always perfect, but quite good. The "down side" is it can go from 98% print to "I'm here all alone talking to myself" pretty darn quickly if you are have the volume turned down and are looking at the text windows and ignoring the waterfall picture ;-). I have used MFSK16 a lot.

THROB is neat, if for no other reason than the way it sounds<G> It has a "heartbeat" or throbbing sound, that comes at the rate of 1,2 or 4 times a second. And you choose the rate to match the conditions you have. The better the path, the higher the rate. At the 1 second rate, it is pretty

slow....maybe half of psk31??? And it has a "restricted" character set similar to RTTY with upper case only and a few special chars. Unfortunately, I have not heard it on the air very much so I can not say for sure, but it would appear to have advantages for weak/poor signal conditions. Except for staged tests with a friend with nominal signal conditions, I think only one time did I ever hear it over the airwaves. Reading the mail on 80M one evening and a couple of ops were apparently trying every mode their software had ;-)

MT63 is another one that looks to hold promise to weak signals, but again I almost never hear it on the air, so I have no personal feelings to pass on. Just that it seems good on paper.

It appears as though everyone comes into the area via Digi Pan and a couple of clip leads to the speaker and microphone and has so much fun and success they assume this is it, the pinnacle of success<G>.

There are some others aimed at the VHF-UHF bands where signals are very weak but consistent. They tend to use lots of DSP, repeating fixed length messages and integrating the results. Not so good for real time chat or the conditions usually found on HF.

> About SW: MixW seems to do it all. Before I spend \$50, does it do
> all those modes well? Is a collection of SW programs, each
> specialized for one or few modes a better approach?

I happen to use HamScope but I have heard good things about Mix and nothing bad. Only negative comment is \$\$ rather than freeware.

> Voice modes: I skimmed the articles in QST (Jan, Feb) anybody play
> with these yet? Is it time to start with digital voice modes. From
> what I can tell so far encoding/decoding schemes are not very
> standardized.

You have got the picture correct. I personally think the biggest "barrier" to a standard is speed of development. Before Motorola could get APC025 into a product line and try to build support for it, no one wanted a 25khz wide system when there were 12.5khz systems for sale today and 6.25khz systems on the drawing boards. And that was a few yrs back when I was still involved in that area.

> 73, Rod NØRC

Gary WA6DTX

Date: Sun, 02 Jun 2002 13:56:06 -0400
From: W2AGN <w2agn@w2agn.net>
To: Ed Lawson <k1vp@grizzly.com> (K1VP),
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [127628] Re: band conditions?
Message-ID: <02060213560602.02438@jsielke>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

On Sunday 02 June 2002 13:48, Ed Lawson wrote:

> Is it just me, my northern location, or have the band conditions been
> rather poor this weekend? I heard maybe two TAC stations Sat.
>
> Ed Lawson
> K1VP

--

You know, it's funny. I was going to say something similar, but thought it might be called whining. Actually, 20 and 15 sounded open, as I heard both Europeans, and later, JAs, but I heard VERY few TAC stations. Most were on 40M, but that band was noisy, and a lot of QSB.

/ \ / \ / \ / \ / \ John L. Sielke w2agn@w2agn.net
(W)(2)(A)(G)(N) <http://www.w2agn.net>
_ / _ / _ / _ / _ / NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
EX-N4JS, W4MPC, W7JEF, K3HLU G-QRP #9544 NorCal CQC AKQRP QCWA FISTS #2781
SOC, ARLHS, 00TC Zombie #576 Elecraft K2 #0023 K1 #146, 1151

Date: Sun, 02 Jun 2002 11:06:09 -0700
From: "K7FD N7SG" <k7fd@hotmail.com>
To: k1vp@grizzly.com, qrp-l@Lehigh.EDU
Subject: [127629] Re: band conditions?
Message-ID: <F104acXG7CVpARb4cjl000125f6@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Pretty poor out in Oregon but finding something to listen to on the shortwave bands...those 500KW signals seem to defy mother nature!

73 John K7FD (or WPE7COH when the bands are bad!)

>From: Ed Lawson (K1VP) <k1vp@grizzly.com>

>

>Is it just me, my northern location, or have the band conditions been
>rather poor this weekend? I heard maybe two TAC stations Sat.

>

>Ed Lawson

>K1VP

Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

Date: Sun, 2 Jun 2002 11:06:44 -0700

From: "William Phinizy" <k6whp@gte.net>

To: "QRP-L" <qrp-l@Lehigh.EDU>

Subject: [127630] KD6CC

Message-ID: <000201c20a60\$42969c20\$1c61e043@k6whp>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Like Jim, AD6CW, Bill, K6BNC, Dick, WB6JDH, and the other members of the Lake Perris QRP Society, I am still reeling from the news of Roger's untimely passing. He was a dear friend to all of us, a gentleman, a ham of unsurpassed ability and talent, and an artisan of the first order. His boat anchor and QRP projects were things of beauty. We all looked up to him and admired him.

He was my main reason and motivation for becoming interested in QRP and I am thankful for the time that God has allowed him to be with us.

I miss him terribly.

Bill, K6WHP

Date: Sun, 2 Jun 2002 11:58:34 -0500

From: Mark R Milburn <mark.milburn@juno.com>

To: qrp-l@lehigh.edu

Subject: [127631] Mailing list for the QRP Quarterly magazine
Message-ID: <20020602.131716.-845197.0.MARK.MILBURN@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Preparation of the July QRP Quarterly magazine is right on track, and the mailing list of up to date subscribers will be due at the mailers this month. If your subscription ran out with the April issue, you'll need to get your renewal in soon to make sure you get the July issue.

If you aren't sure just how your subscription stands, check into the club web site at <http://www.qrparci.org> and then click on "member lookup". Entering either your call sign or your membership number will bring up the current information on your subscription so you can see if you are due for renewal.

If you aren't presently receiving the QRP Quarterly, but would like to ... then go to the club web site and click on "join/renew" for all the information. As a last resort, you could even send me an email and ask your questions...I'll be glad to answer any mail received.

72, Mark, KQ0I #2667
Secretary-Treasurer QRP ARCI
Instant Messenger: markkq0i
ICQ # 133862108
email: kq0i@arrl.net

Date: Sun, 2 Jun 2002 12:24:30 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@LeHigh.EDU>
Subject: [127632] info please
Message-ID: <Pine.LNX.4.33.0206021220450.7473-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The Saskatchewan Provincial Hamfest is coming up very soon on July 5,6,7th...

...a group of amateurs want to launch a balloon with a beacon, maybe GPS in it, etc....

...is there any info that I can gather as to a simple 2 mtr beacon that could be launched in the balloon out there on the amateur internet?...

...this group is also considering a tethered balloon as well as a first step towards an actual launch as we think time is VERY short now for this project to do something by July 5,6,7th...

...thank you....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sun, 2 Jun 2002 11:27:03 -0700
From: "johngabbard" <johngabbard@usintouch.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [127633] Tuner FS
Message-ID: <00a601c20a63\$188848e0\$1f811c0c@juanita>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Heathkit HFT-9A all HF band qrp tuner, nice shape, in use daily, \$45.00
shipped USA...Thanks 72 ...john...KF7OM

Date: Sun, 02 Jun 2002 14:27:47 -0400
From: W2AGN <w2agn@w2agn.net>
To: K7FD N7SG <k7fd@hotmail.com>,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [127634] Re: band conditions?
Message-ID: <02060214274700.02799@jsielke>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

On Sunday 02 June 2002 14:06, K7FD N7SG wrote:
(or WPE7COH when the bands are bad!)

--

That goes back a few years!

/ \ / \ / \ / \ / \ John L. Sielke w2agn@w2agn.net
(W)(2)(A)(G)(N) <http://www.w2agn.net>
 _ / _ / _ / _ / _ / NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
EX-N4JS, W4MPC, W7JEF, K3HLU G-QRP #9544 NorCal CQC AKQRP QCWA FISTS #2781
SOC, ARLHS, 00TC Zombie #576 Elecraft K2 #0023 K1 #146, 1151

Date: Sun, 02 Jun 2002 14:43:11 -0400
From: Steven Weber <kd1jv@moose.ncia.net>
To: atrail@yahoo.com
Cc: qrp-l@lehigh.edu
Subject: [127635] Back from the trail
Message-ID: <3.0.6.32.20020602144311.007a3590@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Given my usual late start, finally got to Bald Pate shelter on the AT in Maine about 4:30 pm. Took a good hour to get the "88" up in the trees. Think I'll stick to antennas that only need one support from now on, hi. The Norcal BLT tuned up the antenna just fine on 40 and 20. Only managed three Q's though, two on 40 and one on 20, one of those a TAC contact on 40, just before the end of the test. The antenna and rig worked fine, but wasn't expecting the early evening thunder storms that moved through the area. Had to shut down operation several times and wait for them to move off. One storm cell looked to be heading straight at me, so disconnected the tuner from the rig and minutes later, saw sparks coming out of the corners of the tuner box! Wild. Rained on and off all night, sometimes quite heavy, so glad I set up in the shelter and not in the little bivy tent I had brought along in case a crowd was there. As it turned out, had the place to myself. Woke up literally in a cloud, which thankfully lifted some by the time I actually got up, packed up. The Wx improved as I got back down into the valley, which is often the case around here. At least the Black Flies were pretty tame...

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Sun, 2 Jun 2002 14:18:24 -0400
From: "Rex Harper" <w1rex@megalink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [127636] Lobstercon 2002 update
Message-ID: <008d01c20a62\$03864880\$4c3ca43f@stickfarmers>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

QRP gangue and potential saltwater spider eaters,

Clarification on the Lobstercon 2002 dates:

July 6/7 was chosen as the best mesh of several peoples schedules. So I arranged for the campsites on the night of the 6th. I then had a second thought that some QRPers might be travelling that friday so I booked the site for the friday. Then I had a brainstorm about people might not be in a hurry to get home and/or want to avoid the dreaded sunday night exodus from Maine by taking monday off from work so I included sunday night on the reservation. Eager QRPers can now travel on friday and have a place to stay and be all set up for the festivities on saturday and sunday. As for me, I will be there all weekend and I'm sure I won't be alone.

The emphasis is on socialization and having a good time. . Several attendees have agreed to make 'informal presentations'. Thomas Point Beach & Campground is in a designated "No generators / overhead projectors / compendiums" shoreline zone. There will be a couple of "big honking" batteries for essentials like solder stations etc.

Thomas Point Beach is quite convenient to interstate 95. Take the Route 196 East exit off I95 in Topsham Maine. Head for Route 1 North. Take the Cooks Corner exit off Route 1 and head North on Route 1A (Take a left at the 1st light) Take the 1st left and follow the signs. I will post some "This way to the QRP" signs and there will be a talk in but I have not lined that up yet. Stay tuned for future details.

Don't forget to E me with your intentions so that I can put you down on the list (and possible reserve overflow sites) and keep you informed via Email.

72,

W1REX Rex Harper "The Tinman"

Date: Sun, 2 Jun 2002 12:58:04 -0700
From: "johngabbard" <johngabbard@usintouch.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [127637] Items for sale update
Message-ID: <010801c20a6f\$cf6f9840\$1f811c0c@juanita>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The HFT9-A, and the HM-9, along with the nice triplet VOM have been sold. The
Nor Cal-20 is still available \$100.00 plus shipping .(firm)....thanks 72
John KF7OM...High Nv. Desert...

Date: Sun, 2 Jun 2002 15:04:17 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [127638] TLF for Linux
Message-ID: <Pine.LNX.4.44.0206021459300.1641-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I just got the tlf logging program for Linux running on my Red
Hat version 7.2 Gnome W windows. I had to modify the data file in
/usr/local/share/tlf/ and then start tlf from that directory before the
window would form.

I think I will try to d/l the manual that is at the same ftp
address the software comes from. It's not at all obvious how it works.
But it has for sure the arrl field day contest already set up.

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
http://www.zianet.com/k5di/

Date: Sun, 2 Jun 2002 14:16:04 -0700

From: "William Phinizy" <k6whp@gte.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [127639] FS: LDG QRP Tuner Board and Remote Tuning Head
Message-ID: <000101c20a7a\$b5ea1520\$b161e043@k6whp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I started this project some time ago and am too busy to finish it. It is the makings of a good remote QRP antenna tuner: An *original* LDG QRP antenna tuner board (built) and most of the outboard components (SO-239 connectors, SPST switches, push buttons, LEDs). Asking \$70 shipped.

I also have the AT-11MP remote tuning head -- built but never used (e.g., brand new!) for \$25 shipped.

Will sell both together and throw in a 4-foot DB9-to-DB9 cord for \$85 shipped.

Thanks,

Bill, K6WHP

Date: Sun, 2 Jun 2002 14:58:56 -0700
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [127640] Re: TLF for Linux
Message-ID: <20020602215856.GA5840@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Shortcut: When in the blank callsign window enter ":help" (a colon ':') will switch it to command mode and help will show the various commands. It is supposed to be a clone of TR-Log, but I am not very familiar with that one.

72/73,
Bob, N7XY

On Sun, Jun 02, 2002 at 03:04:17PM -0600, Karl F. Larsen wrote:

>
> I just got the tlf logging program for Linux running on my Red
> Hat version 7.2 Gnome W windows. I had to modify the data file in
> /usr/local/share/tlf/ and then start tlf from that directory before the
> window would form.
>
> I think I will try to d/l the manual that is at the same ftp
> address the software comes from. It's not at all obvious how it works.
> But it has for sure the arrl field day contest already set up.
>
> --
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> <http://www.zianet.com/k5di/>

--
Bob Nielsen, N7XY nielsen@oz.net
Bainbridge Island, WA <http://www.oz.net/~nielsen>
IOTA NA-065, USI WA-028S

Date: Sun, 2 Jun 2002 15:07:04 -0700
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [127641] Re: TLF for Linux
Message-ID: <20020602220704.GB5840@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

I used the "alien" tool to make an RPM of TLF from the .deb, in case
anyone is interested:

<ftp://n7xy.net/pub/tlf-0.5.4-1.i386.rpm>

I placed a copy of the manual there also.

72/73, Bob N7XY

On Sun, Jun 02, 2002 at 03:04:17PM -0600, Karl F. Larsen wrote:

>
> I just got the tlf logging program for Linux running on my Red
> Hat version 7.2 Gnome W windows. I had to modify the data file in
> /usr/local/share/tlf/ and then start tlf from that directory before the
> window would form.

>
> I think I will try to d/l the manual that is at the same ftp
> address the software comes from. It's not at all obvious how it works.
> But it has for sure the arrl field day contest already set up.
>

--

Bob Nielsen, N7XY
Bainbridge Island, WA
IOTA NA-065, USI WA-028S

nielsen@oz.net
<http://www.oz.net/~nielsen>

Date: Sun, 02 Jun 2002 18:25:30 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [127642] fishing for opinions
Message-ID: <5.1.0.14.1.20020602182304.00b26cc8@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Folks,

I recently purchased a used laptop for ham radio use. When I ordered it, the Web site said it came without an operating system. I intended to put Linux on it.

Now that it's arrived, I find it has Windows 95 already on it.

Should I leave the Win 95, or replace it with Linux?

Dave

"You can fool some of the people all of the time. That's enough to make a living." - Lance Burton

Dave Hinerman
WD8CIV@att.net

Date: Sun, 02 Jun 2002 18:45:00 -0400
From: aluscre <aluscre@neo.rr.com>
To: rod@n0rc.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [127643] Re: DIgi-modes
Message-ID: <200206022245.g52Mj2Y23145@c1mboh1-smtp3.columbus.rr.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rod at the bottom left column of the morse/digital section of my web page there are links with audio samples of various digital modes
<http://www.qsl.net/k8zt/morse.html>

Rod N0RC wrote:

> Folks,
>
> Working PSK-31 got me interested in other digital modes. I
> downloaded MixW and have been tuning and listening to different
> signals. Some signals I could not seem to decode. Does anybody know
> of a web page that has audio samples of each of the different modes
> to help me ID the modulation type?
>
> How effective are the various modes at QRP (or less) power levels?
> I'm partial to PSK because of it's narrow BW and lower power
> requirements. Should I be considering something else?
>
> About SW: MixW seems to do it all. Before I spend \$50, does it do
> all those modes well? Is a collection of SW programs, each
> specialized for one or few modes a better approach?
>
> Voice modes: I skimmed the articles in QST (Jan, Feb) anybody play
> with these yet? Is it time to start with digital voice modes. From
> what I can tell so far encoding/decoding schemes are not very
> standardized.
>
> 73, Rod N0RC

--

|-----|

Anthony A. Luscre

K8ZT

Stow, Ohio

|-----|

Visit My Website at

<http://www.qsl.net/k8zt>

|-----|

End of QRP-L Digest 2574
